

UQ-POWER

Energy Equipment

UQ POWER RENTAL SERIES GENERATORS

UQ-440: Standby Rating: 440kVA / 352kW Prime Rating: 400 kVA / 320 kW

UQ-490: Standby Rating: 487kVA / 390kW Prime Rating: 443 kVA / 355 kW



LARGE CAPACITY FUEL CELL



CUSTOMER CONNECTION PANEL



REAR CONTROL PANEL WITH MLCB



EASY ACCESS FOR MAINTENANCE

GENERATOR FEATURES

- Perkins Tier 3/Flex engine
- Brushless Alternator with PMG motor starting performance
- Digital engine generator controller
- Quick Change Link Board with utility power in 120/208 modes
- Buss bar, Cam-Lok, and utility outlets for customer connections
- 10 gauge, powder coated, lockable, sound attenuated enclosure
- Large capacity dual containment fuel cell with environmental containment basin
- Single point lift
- Available with or without trailer
- Custom branding options available

PERKINS DIESEL ENGINES

- Heavy Duty, 4-cycle, direct Injection, turbo-charged diesel engine for maximum reliability
- EPA FLEX Products (TIER 3 Technology)
- JP-8Compatible
- Fuel efficient
- Heavy duty/Industrial construction
- Electronic fuel system and governor system. Maintains isochronous frequency control from no load to full load

ALTERNATORS

- 105° C PMG alternators for better motor starting

ENGINE/GENERATOR CONTROLS

- Deep Sea Digital Controller Model #7310

Model	Voltages	Standby kVA/KW	Prime kVA/KW	Engine model	Alternator
UQ-440	120/208 277/480	440kVA / 352KW	400kVA / 320KW	2206D-E13TAG2	SLG314EL/PMG
UQ-490	120/208 277/480	487 kVA / 390 KW	443kVA / 355KW	2206D-E13TAG3	SLG314F/PMG



LINK BOARD VOLTAGE SELECTION

Engine Data	UQ-440	UQ-490
Engine Mfg	PERKINS	PERKINS
Model Number	2206D-E13TAG2	2206D-E13TAG3
Fuel	Diesel	Diesel
Gross rated output HP	546(407kw)	620(462kw)
Oil Capacity Gallons (liters)	11 (40)	11 (40)
Emissions certification	Tier 3 / Flex	Tier 3 / Flex
Fuel tank capacity - Gallons	240 (908)	290 (1096)
Fuel consumption at prime rating	22.9gph	24.8gph
25% load GPH	8.1	8.1
50% load	12.6	13.7
75% load	17.6	19.2
100% load	22.9	24.8



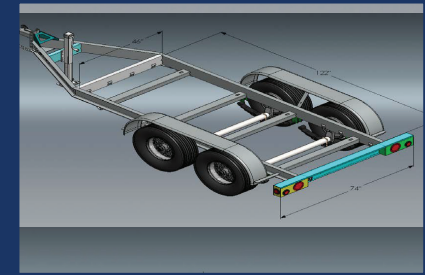
LOCKABLE EXTERNAL FUEL FILL

Alternator data	UQ-440	UQ-490
Alternator Model	SLG314EL	SLG314F
Available voltages	120/208 240/480	120/208 240/480
277/480v 3 phase - amps	480	532
120/208v 3 phase- amps	1104	1225
120/240 3 phase –amps		
120/240 1 phase –amps		
3 phase voltage selection	120/208—277/480	120/208 - 277/480
1 phase voltage selection		



CUSTOMER CONNECTION CAM-LOK STANDARD

Enclosure data	UQ-440	UQ-490
Length - Enclosure only	157"	157"
Width	59"	59"
Height	94"	94"
Weight-dry	12400LBS	12990LBS
Length with trailer	234"	234"
Width with trailer	96"	96"
Height with trailer	123"	123"
Weight with trailer	14400LBS	15400LBS
Weight with trailer ready to run	16400LBS	17400LBS



HEAVY DUTY TRIPLE AXLE TRAILER

Sound dBA level @ 23 ft.	72dBA	72dBA
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UQ-Power Specifications are subject to change without notice

Distributed By:



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